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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	6
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Complete if Known

Application Number	10/604,007
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Filing Date	6/20/2003
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First Named Inventor	Griffin et al
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Group Art Unit

Examiner Name	
Attorney Docket Number	78-1081-0.6

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Address
		3,138,815		Bovenkerk	08/08/1984	
		3,141,748		DeLei	07/21/1984	
		3,233,688		Wentorf, Jr.	02/04/1986	
		4,108,814		Mitchell	08/22/1978	
		4,151,888		Lee et al	09/01/1979	
		4,224,380		Bovenkerk et al	03/23/1980	
		4,255,168		Dennis et al	03/10/1981	
		4,269,276		Bovenkerk	05/19/1981	
		4,303,442		Hara et al	12/01/1981	
		4,311,490		Bovenkerk et al	01/19/1982	
		4,373,593		Phaal et al	02/15/1983	
		4,387,287		Marazzi	08/07/1983	
		4,412,980		Tsuji et al	11/01/1983	
		4,481,016		Campbell et al	11/08/1984	
		4,488,288		Lowin et al	12/04/1984	
		4,504,519		Zelez	03/12/1985	
		4,522,033		Dyer	08/11/1985	
		4,523,179		Giol	06/23/1985	
		4,634,773		Phaal et al	08/13/1985	
		4,686,403		Almond et al	12/03/1985	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date _____

Considered

10/04

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PTO/88/084 04-001

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	6
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Complete If Known

Application Number	10/604,007
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Filing Date	6/20/2003
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First Named Inventor	Griffin et al.
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Group Art Unit

Examiner Name

Attorney Docket Number	78-1081-0.5
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U.S. PATENT DOCUMENTS

Examiner Initials	GRE No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figure Appear
		Number	Kind Code ² (If Known)			
A		4,580,014		Gaczay	12/24/1985	
		4,570,728		Hall	02/18/1986	
		4,572,722		Dyer	02/25/1986	
		4,605,343		Hibbs Jr et al	08/12/1986	
		4,606,738		Hayden	08/19/1986	
		4,621,031		Scruggs	11/04/1986	
		4,636,253		Nakai et al	01/13/1987	
		4,645,977		Kurokawa et al	02/24/1987	
		4,662,348		Hall et al	08/05/1987	
		4,664,705		Horton et al	05/12/1987	
		4,670,025		Pipkin	08/02/1987	
		4,707,384		Schachner et al	11/17/1987	
		4,726,718		Meskin et al	02/23/1988	
		4,766,040		Miller et al	08/24/1988	
		4,776,881		Fruhauf	10/11/1988	
		4,792,001		Zijeling	12/20/1988	
		4,793,828		Burnand	12/27/1988	
		4,787,241		Peterson et al	01/10/1989	
		4,802,539		Hall et al	02/07/1989	
A		4,807,402		Rai	02/28/1989	

FOREIGN PATENT DOCUMENTS

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Signature**

Date Considered

10/04

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Substitute for form 1442A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	of	6
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Complete if Known

Application Number	10/804,007
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Filing Date	8/20/2003
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First Named Inventor	Griffin et al
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Group Art Unit
Examiner Name

Attorney Docket Number	78-1081-0.6
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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Line, Where Relevant Paragraph or Relevant Figure Appear
		Number	Kno Code? (If known)			
★		4,828,682		Frushour	05/09/1989	
		4,881,350		Pheal et al	08/29/1989	
		4,874,377		Frushour	10/03/1989	
		4,899,922		Slutz et al	02/13/1990	
		4,919,220		Fuller et al	04/24/1990	
		4,940,180		Martell	07/10/1990	
		4,943,488		Sung et al	07/24/1990	
		4,944,772		Cho	07/31/1990	
		4,976,324		Tibbitts	12/11/1990	
		5,027,912		Juergens	07/02/1991	
		5,030,276		Sung et al	07/09/1991	
		5,092,697		Hall	03/03/1992	
		5,116,586		Sung et al	05/26/1992	
		5,127,923		Bunting et al	07/07/1992	
		5,135,061		Newton Jr	08/04/1992	
		5,176,720		Martell et al	01/05/1993	
		5,186,729		Martell et al	02/16/1993	
		5,199,832		Meekin et al	04/06/1993	
		5,205,684		Meekin et al	04/27/1993	
	✓		5,213,248		Horton et al	05/28/1993

FOREIGN PATENT DOCUMENTS

[illegible]


**Examiner-
Signature**

Date Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet **4** of **6****Complete if Known**


Application Number 10/804,007
 Filing Date 6/20/2003
 First Named Inventor Griffin et al
 Group Art Unit
 Examiner Name
 Attorney Docket Number 7B.1081-Q.6

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ²	U.S. Patent Document Number	Kind Code ³ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
A		5,238,074		Tibbitts	08/24/1993	
		5,284,283		Waldenstrom	11/23/1993	
		5,337,844		Tibbitts	08/18/1994	
		5,379,863		Lockwood	01/10/1995	
		5,439,482		Anthony et al	08/08/1995	
		5,484,088		Najafi-Sani	11/07/1995	
		5,488,268		Tank et al	11/21/1995	
		5,498,638		Waldenstrom	03/05/1996	
		5,505,748		Tank et al	04/09/1996	
		5,510,193		Cerutti et al	04/23/1996	
		5,523,121		Anthony et al	06/04/1996	
		5,524,719		Dennis	06/11/1996	
		5,580,718		Tank et al	10/01/1996	
		5,607,024		Keith et al	03/04/1997	
		5,620,382		Cho et al	04/15/1997	
		5,624,068		Waldenstrom et al	04/29/1997	
		5,667,028		Thux et al	09/16/1997	
		5,718,948		Edvard et al	02/17/1998	
		5,722,489		Nguyen et al	03/03/1998	
		5,778,615		Wong et al	07/07/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ²	Foreign Patent Document Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T ⁶
A		EP	0300899	A2	Smith International Inc.	01/28/1989		
		EP	0329954	B1	General Electric Company	08/18/1993		
		EP	0500253	B1	Sumitomo Electric	11/12/1997		
		EP	0595830	B1	CSIR	01/07/1998		
		EP	0595631	B1	CSIR	04/09/1997		
		EP	0812888	B1	Sumitomo Electric	07/22/1998		
		EP	0817207	A3	DeBeers Industrial	08/28/1994		
		EP	0787820	A2	Saint-Gobain/Norton	08/06/1997		
		EP	0860515	A1	DeBeers Industrial	08/28/1998		
		UK	2048927	A	DeBeers Industrial	12/17/1980		

Examiner Signature		Date Considered	10/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete If Known

Application Number	10/804,007
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Filing Date	June 20, 2003
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First Named Inventor	Griffin et al.
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Group Art Unit	1775
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Examiner Name	Turner
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Attorney Docket Number	78.1081-0.6
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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Translation of Japanese Unexamined Patent Application No. 858-91691, "Diamond Sintering and Processing Method," SHUJI YATSU and TETSUO NAKAI, inventors; Application filed May 24, 1983; Applicant: Sumitomo Electric Industries.

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Date _____

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Form PTO-1449 (modified)



Atty. Docket No.

78.1081-0.6

Serial No.

10/604,007

List of Patents and Publications for Applicant's

Applicant

Nigel Dennis Griffin and Peter Raymond Hughes

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

August 20, 2003

Group:

1775

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
<i>A</i>	A1	4,224,380	9/23/80	Bovenkerk <i>et al.</i>	428	545	
	A2						
	A3						
	A4						
	A5						

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
<i>A</i>	B1	0 617 207 A3	3/25/94	Europe	F16C	33/04	Yes
<i>B</i>	B2	WO 00/28106	5/18/00	PCT	C23C	16/04	Yes
	B3						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>A</i>	C1	International Search Report for PCT/GB01/03986, dated 2/18/02
<i>A</i>	C2	International Search Report for PCT/GB01/02638, dated 2/18/02
	C3	

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DATE CONSIDERED:

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